



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date: December 9, 2022		EPA Reg No./File Symbol: 42750-104		Page 1 of 11	
Applicant's/Registrant's Name & Address: Albaugh, LLC 1525 NE 36 th Street Ankeny, IA 50021		Product Name: Imidacloprid Technical			
Active Ingredient: Imidacloprid (PC Code 129099)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.1550	Product Identity and Composition	51101802 51630301 52069301	Albaugh	OWN	
830.1600	Description of Materials Used to Produce the Product	51101802 51630301 52069301	Albaugh	OWN	
830.1620	Description of Production Process	51101802 51630301 52069301	Albaugh	OWN	
830.1650	Description of Formulation Process				Waiver ²
830.1670	Description of Formation of Impurities	51101802 51630301 52069301	Albaugh	OWN	
830.1700	Preliminary Analysis	51101801 51630302 51630303 52069301 52069302	Albaugh	OWN	
830.1750	Certified Limits	51101802 51630301 52069301	Albaugh	OWN	
830.1800	Enforcement Analytical Method	51101801 51630302	Albaugh	OWN	

Signature <i>Victoria Smith</i>	Name and Title Victoria Smith Agent for Albaugh, LLC	Date 12/9/2022
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Active Ingredient: Imidacloprid (PC Code 129099)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

		51630303			
830.6302	Color	46499404 52069303	Albaugh	OWN	
830.6303	Physical State	46499404 52069303	Albaugh	OWN	
830.6304	Odor	46499404 52069303	Albaugh	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	46499404 52069303	Albaugh	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility				Not req'd ¹
830.6315	Flammability				Not req'd ¹
830.6316	Explosibility				Not req'd ¹
830.6317	Storage Stability				Not req'd ¹
830.6319	Miscibility				Not req'd ¹
830.6320	Corrosion Characteristics				Not req'd ¹
830.6321	Dielectric Breakdown Voltage				Not req'd ¹
830.7000	pH	46499404 52069303	Albaugh	OWN	
830.7050	UV/Visible Absorption	46499404 52069303	Albaugh	OWN	

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830.7100	Viscosity				Not req'd ¹
830.7200	Melting Point/Melting Range	46499404 52069303	Albaugh	OWN	
830.7220	Boiling Point/Boiling Range				Waiver ³
830.7300	Density/Relative Density/Bulk Density	46499404 52069303	Albaugh	OWN	
830.7370	Dissociation Constants in Water				Waiver ⁴
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Waiver ⁵
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				Waiver ⁵
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography	46499404 52069303	Albaugh	OWN	
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	46499404 52069303	Albaugh	OWN	
830.7860	Water Solubility, Generator Column Method				Waiver ⁶
830.7950	Vapor Pressure	46499404 52069303	Albaugh	OWN	

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Active Ingredient: Imidacloprid (PC Code 129099)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

870.1100	Acute Oral Toxicity – Rat	CITE ALL ¹		PAY	
870.1200	Acute Dermal Toxicity - Rat	CITE ALL ¹		PAY	
870.1300	Acute Inhalation Toxicity - Rat	CITE ALL ¹		PAY	
870.2400	Primary Eye Irritation - Rabbit	CITE ALL ¹		PAY	
870.2500	Primary Dermal Irritation	CITE ALL ¹		PAY	
870.2600	Dermal Sensitization	CITE ALL ¹		PAY	

¹Albaugh will make offers-to-pay to the following companies that appear on the current data submitters list for imidacloprid:

Generic Data	Generic Data	Cite All	Syngenta (100)	PAY	
			Nufarm (228)	PAY	
			Scotts (239)	PAY	
			Bayer Cropscience (264)	PAY	
			FMC (279)	PAY	
			E. I. DuPont (352)	PAY	
			Bayer Environmental Science (432)	PAY	
			Monsanto (524)	PAY	

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Active Ingredient: Imidacloprid (PC Code 129099)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

		The Scotts Company (538)	PAY	
		Cleary Chemicals, LLC (1001)	PAY	
		McLaughlin Gormley King (1021)	PAY	
		PBI Gordon (2217)	PAY	
		Sergeant's (2517)	PAY	
		Hartz Mountain (2596)	PAY	
		Koppers (3008)	PAY	
		Bayer Corp. (3125)	PAY	
		Troy (5383)	PAY	
		Helena (5905)	PAY	
		Gustafson (7501)	PAY	
		J.J. Mauget Co. (7946)	PAY	
		BASF Corporation (7969)	PAY	
		The Andersons (9198)	PAY	
		Chemsico (9688)	PAY	
		Venator (10465)	PAY	

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Active Ingredient: Imidacloprid (PC Code 129099)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

		Bayer Healthcare (11556)	PAY	
		Mitsui Chemicals (33657)	PAY	
		Loveland Products (34704)	PAY	
		Nufarm Limited (35935)	PAY	
		Helena (38167)	PAY	
		Lanxess Corp. (39967)	PAY	
		Aeraxon (43419)	PAY	
		Control Solutions (53883)	PAY	
		Nufarm Americas Inc. (55146)	PAY	
		Valent (59639)	PAY	
		Arch Wood Protection, Inc. (62190)	PAY	
		Adama MANA (66222)	PAY	
		SPTF (66607)	PAY	
		Cheminova (67760)	PAY	
		Mycogen Seeds (68467)	PAY	
		Arbor Systems (69117)	PAY	

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Active Ingredient: Imidacloprid (PC Code 129099)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

		Pet Logic (69332)	PAY	
		Repar Corp. (69361)	PAY	
		UPL, NA Inc. (70506)	PAY	
		Sulphur Mills (70905)	PAY	
		Nufarm (71368)	PAY	
		ISK Biosciences (71512)	PAY	
		ORETF (71754)	PAY	
		ARTF (71755)	PAY	
		Bayer Advanced (72155)	PAY	
		Agrisel USA, Inc. (72159)	PAY	
		Scimetrix (72500)	PAY	
		Lonza (72616)	PAY	
		Rockwell Labs (73079)	PAY	
		Sapstain Industry Group (73154)	PAY	
		Univar USA Inc (73748)	PAY	
		Innovative Pest Control (73766)	PAY	

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		FIFRA ESTF (73989)	PAY	
		ArborJet (74578)	PAY	
		Rainbow Tree Care (74779)	PAY	
		RETF (74888)	PAY	
		AHETF (75234)	PAY	
		Arch Treatment (75506)	PAY	
		Rotam (81598)	PAY	
		Sharda Cropchem (82633)	PAY	
		Ensystex III (82957)	PAY	
		Rotam Agrochemical (83100)	PAY	
		Winfield (83222)	PAY	
		Ceva (83399)	PAY	
		Sharda USA (83529)	PAY	
		Adama Celsius (83558)	PAY	
		Amtide, LLC (83851)	PAY	
		Ensystex IV (83923)	PAY	

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		Viance (83997)	PAY	
		Dalian Chemphy Chemicals (84013)	PAY	
		GESTF (84653)	PAY	
		Arcana (84930)	PAY	
		Abamax Chemical (85317)	PAY	
		Alpha Scents (85354)	PAY	
		Gaylord (86913)	PAY	
		Lnouvel (87093)	PAY	
		Willowood LLC (87290)	PAY	
		Argite, LLC (87373)	PAY	
		Willowood Imidacloprid (88544)	PAY	
		Solutions Pest (88746)	PAY	
		Olympus Seed Treatment (88801)	PAY	
		Willapa-Grays Harbor (88867)	PAY	
		Vive (89118)	PAY	
		Liberty Crop Protection (89168)	PAY	

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		Central Garden & Pet Company (89459)	PAY	
		Manna Pro (90057)	PAY	
		Shanghai (91090)	PAY	
		Atticus (91234)	PAY	
		Promika (91300)	PAY	
		Lubricant (91374)	PAY	
		Cap IM (91384)	PAY	
		UPL Delaware, Inc. (91813)	PAY	
		Nouvel (92028)	PAY	
		Evergreen (92334)	PAY	
		Tevra (92413)	PAY	
		SBM Life (92564)	PAY	
		Kingmo Pet LLC (101556)	PAY	

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Footnote 1

- 830.6314 Oxidation/Reduction: chemical incompatibility
- 830.6315 Flammability
- 830.6316 Explodability
- 830.6317 Storage Stability
- 830.6319 Miscibility
- 830.6320 Corrosion Characteristics
- 830.6321 Dielectric Breakdown
- 830.7100 Viscosity

This data is not required for Technical Grade products per Product Properties Test Guidelines OCSP 830.1000 (e)(2)(xi)(B) Table 2

Footnote 2

- 830.1650 Formulation Process. Albaugh requests a waiver for this data requirement. Imidacloprid Technical is not deliberately formulated. Refer to 830.1620 Production Process.

Footnote 3

- 830.7220 Boiling Point. Albaugh requests a waiver for this data requirement. Imidacloprid Technical is not a liquid.

Footnote 4

- 830.7370 Dissociation Constants in Water

An evaluation of the Imidacloprid molecular structure and its neutral pH value indicates that it will not dissociate. Accordingly, Albaugh requests a waiver for this data requirement.

Footnote 5

- 830.7550 Partition Coefficient, Shake Flask Method
- 830.7560 Partition Coefficient, Generator Column Method

Albaugh requests a waiver for these data requirements. Albaugh elected to use Guideline 830.7570 to satisfy this data requirement.

Footnote 6

- 830.7860 Water Solubility. Albaugh requests a waiver for this data requirement. Albaugh elected to use Guideline 830.7840 to satisfy this data requirement.